

Upgrade Instructions and Operation Manual Addendum

2010 NAVIGATION UPGRADE SD-CARD

CNSD-130FM

This software upgrade will result in changes to certain features and availability of information. While the changes are intended to improve the overall user experience for most users, Pioneer and its licensors disclaim any warranty or liability for damages in connection with such changes.

Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly.



Important

- The screens shown in the examples may differ from actual screens.
- Actual screens may be changed without notice for performance and function improvements.

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Precaution

- Read the entire manual before upgrading the programme of your navigation system.
- This package is unique, and cannot be installed on more than one unit.
- Web-connected computer is required for online issuance of password.
- The user data stored in the internal memory of the unit may be erased if an unexpected error occurs during software installation. Pioneer is not responsible for any data loss or unavailability of user data.

- ❑ Be careful not to touch terminals on the SD memory card. Doing so may cause connection failures. If any terminals are dirty, wipe them with a clean dry cloth.



- ❑ SDHC Logo is a trademark of SD-3C, LLC. ❑

In case of trouble

- Should the navigation system fail to operate properly, contact your dealer or nearest authorised Pioneer Service Station.
- Do not lose the supplied Media Number Card (MEDIA NUMBER CARD). If the Media Number Card is lost, reissue of the Media Number (MEDIA NUMBER) is not possible. Also you must submit the Media Number Card when repairs are needed. The card is necessary as proof of authenticity if service is required (including recovery). ❑

SD memory card

The SD memory card and SDHC memory card are collectively referred to as the "SD memory card".

- ❑ Keep the SD memory card out of the reach of small children to prevent them from accidentally swallowing it.
- ❑ Do not store the SD memory card in high temperatures or direct sunlight.
- ❑ Do not subject the SD memory card to shock or impact.
- ❑ Do not allow the SD memory card to come into contact with liquids. Damage to the SD memory card and your products could result from contact with liquids.

Manual overview

This manual describes how to get the password and activate the upgrade. It also provides an overview of how functions change after the upgrade.

By upgrading AVIC-F310BT with this product, functions and operations will be equivalent to AVIC-F320BT. Therefore, obtain the Operation Manual for AVIC-F320BT and use it as your primary reference.

<http://www.pioneer.eu>



Conventions used in this manual

Before moving on, take a few minutes to read the following information about the conventions used in this manual. Familiarity with these conventions will help you greatly as you learn how to use your new equipment.

- Items in different menus, screen titles, and functional components are described in **bold** with double quotation marks " ":
e.g.)
The "**Top Menu**" screen appears.
- Touch panel keys that are available on the screen are described in **bold** in brackets []:

Precaution

e.g.)

[Settings]

- Extra information, alternatives and other notes are presented in the following format:
e.g.)
□ The structure of the menus will be changed due to the addition of the "**Top Menu**" screens.
- Descriptions of separate operations to be performed on the same screen are indicated with ■ at the beginning of the description:
e.g.)
■ Touch [No].
- References are indicated like this:
e.g.)
➞ Refer to the screen listing at the end of the AVIC-F320BT Operation Manual. ■

because the setting can be easily recovered by users, such as the last cursor position on the map screen.

Route setting

Current route

Map function

Setting of "**Overlay POI**"

Others

Data of "**Black Spot**"

The user data stored in the internal memory of the unit may be erased if an unexpected error occurs during software installation. Pioneer is not responsible for any data loss or unavailability of user data.



Models to be upgraded

This package can upgrade the software programme and database of the following models:

AVIC-F310BT ■

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- We offer the latest information about Pioneer Corporation on our website. ■

Setting items to be deleted and initialised by upgrade

The following data and settings will be cleared and reset to default values. Other items will be retained. However, some items are not listed

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Version 2.1, February 1999

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```
<one line to give the library's name and a brief idea of
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About the data for the map database

- Modifications related to roads, streets/highways, terrain, construction and other things before/during the development period may not be reflected in this database. Inevitably, those modifications after that period are not reflected in this database.
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- The traffic regulation data used in the map database applies only to standard sized passenger vehicles. Note that regulations for larger vehicles, motorbikes, and other non-standard vehicles are not included in the database.
- Map Version, Tele Atlas. Rel. 06/2009. 

The navigation system upgrade process

- 1 Check the device number of your navigation system.
➤ For details of the operation, refer to *Checking the device number* on this page.
- ↓
- 2 Get the password for authentication.
➤ For details, refer to *Getting the password for authentication* on this page.
- ↓
- 3 Upgrade the software programme of your navigation system.
➤ For details of the operation, refer to *Upgrading the software programme and the map database* on the next page.
- ↓
- 4 Check whether the upgrade was done properly.
➤ For details of the operation, refer to *Checking whether the upgrade was done properly* on page 20.
- ↓
- 5 Update the Bluetooth firmware.
➤ For details of the operation, refer to *Upgrading the Bluetooth wireless technology software* on page 20.



Preparation for upgrade

Checking the device number

First, check your device number (DEVICE NUMBER, displayed such as Device # or Device Number) of your navigation system for later procedures. To display the device number, do the following.

- 1 **Touch [Menu] on the map screen.**
The "Navigation Menu" screen appears.
- 2 **Touch [Settings].**
The "Settings Menu" screen appears.

- 3 **Touch [Service Info].**
The "Service Information Screen" screen appears.

- 4 **Write down your device number (Device Number) onto the supplied Media Number Card (MEDIA NUMBER CARD) to avoid mistakes.**

- ☐ Also write down "Version" information which would be used to confirm completion of the update.

Getting the password for authentication

For upgrade, an unique password issued online is necessary. Access the website with your PC and get your password.

The following information is required.

- Media Number (MEDIA NUMBER) printed on supplied Media Number Card (MEDIA NUMBER CARD)
- Device Number (DEVICE NUMBER) of your navigation system

- 1 **Access on the following website to issue your password.**

<http://www.pioneer.eu/UnlockNavigate>

For issuing the password, follow the instruction on the website.

Instructions for upgrading

2 Record the password that you received.

You need to input this password accurately. Write down your password to avoid mistakes. 

Upgrade procedures

NEVER stop the engine of your vehicle or turn off the power supply to the navigation system until the installation is completed. Turning the power off during upgrade process causes a malfunction or failure of the navigation system.

Upgrading the software programme and the map database

This section describes the upgrade procedures for your navigation system.

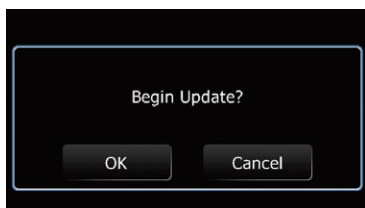
-  The upgrade takes approximately 30 minutes in total.

1 Park your vehicle in a safe place and apply the handbrake.

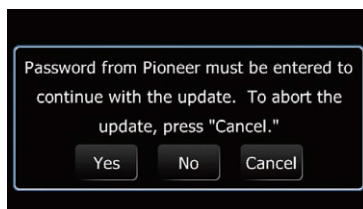
2 Insert the upgrade SD memory card into the SD card slot.

The message confirming whether or not to start the update will appear.

3 Touch [OK].



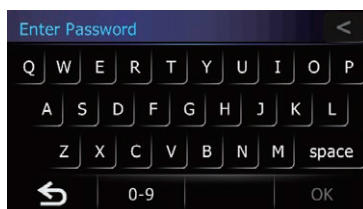
4 Touch [Yes].



After a short pause, the keyboard for entering the password will appear.

- Touch [**No**].
Shows the device number (Device #) of your navigation system.
- Touch [**Cancel**].
Cancels the update.

5 Enter the password for authentication that you obtained, then touch [OK].

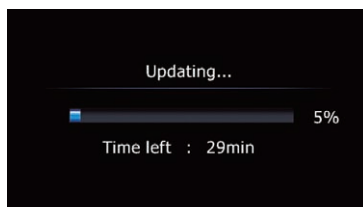


A message confirming whether to restart the navigation system appears.

6 Touch [OK].

The navigation system restarts and then the installation begins.

7 Wait until the upgrade process is complete.



After the installation is complete, the navigation system restarts.

Checking whether the upgrade was done properly

Display “**Service Information Screen**” screen to compare the current version number with the previous one.

1 Touch [Home] on the map screen.

The “**Top Menu**” screen appears.

2 Touch [Settings].

The “**Settings Menu**” screen appears.

3 Touch [Service Info].

4 Check the version information.

Updating the Bluetooth wireless technology software

Access the Pioneer website to check your phone's compatibility. If your phone is on the list and you wish to update, manually update the Bluetooth firmware after the automatic upgrade is finished.

<http://www.pioneer.eu>

- ☐ Registered phones that are listed on the “**Connection List**” screen are cleared by the software update.

1 Insert the upgrade SD memory card into the SD card slot.

2 Touch [Home] on the map screen.

The “**Top Menu**” screen appears.

3 Touch [Phone].

The “**Phone Menu**” screen appears.

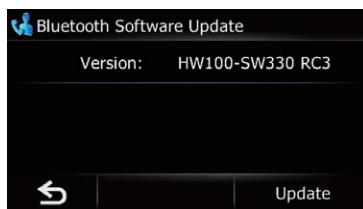
4 Touch [Setting].

The “**Bluetooth Settings**” screen appears.

5 Touch [Bluetooth Software Update].

The current version is displayed.

6 Touch [Update].



A message confirming whether to start updating the software appears.

7 Touch [Yes].

Update starts.

8 Wait until the upgrade process is complete.

A message will appear after the update is complete.

9 Touch [OK].

Update is completed. ☐

Changes on the upgraded programme

By upgrading AVIC-F310BT with this product, functions and operations will be equivalent to AVIC-F320BT. Therefore, obtain the Operation Manual for AVIC-F320BT and use it as your primary reference.

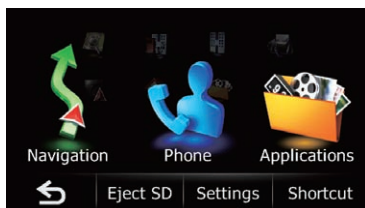
<http://www.pioneer.eu>

If you upgrade your navigation system using this SD memory card, the system will have the following changes.

The new screens

The following two “**Top Menu**” screens will be added.

Classic Menu



This is the starting menu to access the desired screens and operate the various functions.

Shortcut Menu



You can register desired menu items to switch to the menu screen by a simple touch.

- ❑ The structure of the menus will be changed due to the addition of the “**Top Menu**” screens.
 - ➞ Refer to the screen listing at the end of the AVIC-F320BT Operation Manual. ▢

Applications function

You can launch applications downloaded to an SD memory card via the utility programme navigate FEEDS.

- ❑ The utility programme navigate FEEDS is available from our website. For details, refer to the information on our website. ▢

Eco-driving function

- The Eco-driving functions are an estimate of the real time fuel consumption to average fuel consumption ratio and is not an actual value.
- The Eco-driving functions and calculations take into consideration the location of the GPS position and speed of the vehicle in determining a value.
- Indications of the navigation system may be different from the actual value.
- Some of the features of the navigation system do not take in to consideration the type of vehicle it is installed into.

Upgrading enables the Eco-driving function, which supports environmentally-friendly driving.

- Displaying Eco-Meter on the map
- Displaying “**Eco Graph**”
- Displaying Eco Drive Level guidance
- Sudden start alert ▢

Map function

Switching the map between 2D and 3D

If you touch  or  icons will be displayed.

You can change the map display by touching  or .

Switching to the “Eco Graph” screen

 is displayed on the map screen. If you touch , you can switch to the “**Eco Graph**” screen. ▢

Using the keyboard

Cyrillic characters will be added to the input method. 

Displaying tick marks on the “Overlay POI (Main Category)” screen

A tick mark appears next to the main category containing the selected sub-category. 

Displaying the “Clear Data/Setting” screen

You can display the “**Clear Data/Setting**” screen by touching and holding [**F. Reset**] on the “**Settings Menu**” screen. 

Troubleshooting

Problems in the procedures for updating

Symptom	Cause	Action
The upgrade process doesn't start and the navigation system boots up as usual.	An incorrect SD memory card has been inserted.	Eject the inserted SD memory card and insert the correct upgrade SD memory card.
	Upgrade has been already done.	Check whether the upgrade was done properly. If the upgrade has not been done yet, consult the nearest authorised service station.
	The screen that cannot begin the upgrade process is displayed.	Eject the upgrade SD memory card, and display the map of your current position, and then reinsert the card.
The navigation system does not work properly after upgrade.	The engine of your vehicle was stopped or the power supply to the navigation system was turned off during upgrade process.	Consult the nearest authorised service station.
	Upgrade SD memory card was pulled out during upgrade process.	Consult the nearest authorised service station.



Messages in the procedures for updating

The following messages may be displayed by your navigation system. Refer to the table below to identify the problem, then take the suggested corrective action.

There are occasions when you may see error messages other than those shown here. In such a case, follow the instructions given on the display.

Message	When	What to do
An error occurred and the update failed.	Unexpected error occurred in the update process.	Consult your local Pioneer dealer if this message persists.



<http://www.pioneer.eu>

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PIONEER CORPORATION

1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi,
Kanagawa 212-0031, JAPAN

PIONEER ELECTRONICS (USA) INC.

P.O. Box 1540, Long Beach, California 90801-1540, U.S.A.
TEL: (800) 421-1404

PIONEER EUROPE NV

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium/Belgique
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